

Title (en)
DISC BRAKE

Title (de)
SCHEIBENBREMSE

Title (fr)
FREIN À DISQUE

Publication
EP 4368851 A1 20240515 (EN)

Application
EP 22206959 A 20221111

Priority
EP 22206959 A 20221111

Abstract (en)
A hydraulic disc brake (10) for a vehicle. The disc brake (10) comprises a service brake arrangement (30) configured to actuate under hydraulic pressure to urge a brake pad (22, 24) towards a rotor (20) to apply the disc brake (10) during a braking operation; a parking brake arrangement (32) configured to urge the brake pad (22, 24) towards the rotor (20) to apply the disc brake during a parking operation, wherein the parking brake arrangement (32) has an applied condition and a released condition; and a parking brake indicator (90, 92) configured to indicate whether the parking brake arrangement (32) is in the applied condition or the released condition.

IPC 8 full level
F16D 55/226 (2006.01); **F16D 65/18** (2006.01); **F16D 66/00** (2006.01); **F16D 121/04** (2012.01); **F16D 121/06** (2012.01); **F16D 121/14** (2012.01); **F16D 123/00** (2012.01)

CPC (source: EP US)
F16D 55/226 (2013.01 - EP); **F16D 65/0068** (2013.01 - US); **F16D 65/18** (2013.01 - US); **F16D 65/183** (2013.01 - EP); **F16D 66/00** (2013.01 - EP); **F16D 2066/003** (2013.01 - EP); **F16D 2121/04** (2013.01 - EP US); **F16D 2121/06** (2013.01 - EP); **F16D 2121/14** (2013.01 - EP); **F16D 2123/00** (2013.01 - EP)

Citation (search report)
• [XA] TW 201416580 A 20140501 - LIOHO MACHINE WORKS LTD [TW]
• [X] DE 102005022404 A1 20061123 - BOSCH GMBH ROBERT [DE]

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC ME MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA

Designated validation state (EPC)
KH MA MD TN

DOCDB simple family (publication)
EP 4368851 A1 20240515; US 2024159284 A1 20240516

DOCDB simple family (application)
EP 22206959 A 20221111; US 202318474432 A 20230926